AFT

Atech Flash Technology, Inc.

PRO-35U
User's Guide

xD-Picture Card   microSD(HC)   SD(HC)/(RS)MMC   USB 2.0

miniSD(HC)

CF/MD/UDMA   M2

MS PRO/Duo/M2   PRO-35U

Congratulations

Congratulations on the purchase of your new PRO-35U USB media reader/writer.

PRO-35U is able to support multiple formats of flash media cards.

This guide will explain the features and specifications of your new media reader, as well as the installation in a few simple steps. Please retain this guide for further reference.

Convenient features like fully Plug-and-Play make it easy to setup PRO-35U in your computer.

Operating System Requirements:

Windows XP, Vista

Mac OS X v10.1.2 and later

Computer Requirements:

PC/Mac computer with open USB port 2.0

3.5" drive bay (internal installation)

On Board USB pin headers (2 USB ports/internal installation)

If you have any questions regarding with the Atech product, please contact:

Technical Support :

Toll free number (USA only) 1-800-964-3088

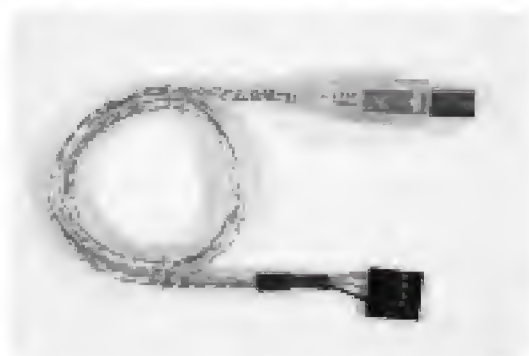support@atechflash.com

www.atechflash.com
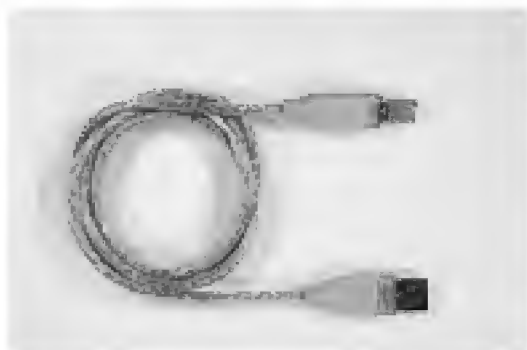
Package Contents

PRO-35U

Internal USB 2.0 Cable x 2 - Connects PRO-35U to USB pin headers on motherboard.

——— To back of PRO-35U

——— To motherboard USB pin headers (5-pin)

External USB 2.0 Cable x 1 - Connects from PRO-35U* to any available USB port of your Notebook / Desktop Computer.

——— To back of PRO-35U

——— To available USB Port of Computer

*To use the Front USB option, you will need an addtional External USB cable, not included.

Windows XP or Vista users:

Driver installation is not required. But if you want to get the latest driver with color icon support, please visit our site at www.atechflash.com. Then go to the Support page and download the latest driver for your reader.

This is an USB 2.0 device and it is backward compatible with USB 1.1 interface. However, USB 1.1 performance can only be expected when connected to a USB 1.1. port.

When the unit is connected to a USB 1.1 port, the following Windows message may appear:

"A HI-SPEED USB device is plugged into a non-HI-SPEED USB hub. For assistance in solving this problem, click this message"

Please ignore the message.

Installing AFT Driver Icons (Windows XP / Vista)

(1) Close all applications that are running, including applications running in the background.

(2) Go to www.atechflash.com/support.htm and download the driver for PRO-35U.

(3) Double click on setup.exe will lead you into setup program.

(4) Follow setup instruction on your screen.

(5) After driver files are copied into your system, setup program will prompt you to restart your computer. Please do so.

AFT Custom Icons (for Windows XP / Vista)

Once the AFT Driver is installed in your system. Windows XP/Vista will display the icons (as shown below) for each media card slot. The icons will be displayed in Gray when no cards are inserted and in Color when cards are inserted.

Connecting Card Reader

1. Open computer case cover. Please refer to your computer manual if necessary.
2. Insert PRO-35U into empty 3.5" drive bay.
3. Apply screws on each side of unit to secure to chassis.
4. Connect Internal USB cables to unit then to Motherboard USB header pin
5. For external use, connect the External USB cable to back of unit.
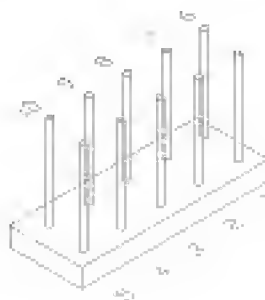
Motherboard connection

Depending on the pin layout on your motherboard USB header, it may be necessary to rearrange the color wires of Internal USB cable to match the USB pin assignment. Please refer to your motherboard manual for USB header pin assignment information.

Internal USB cable consists of Red, White, Green and Black wires. Each color wire shall be connected to a specific pin on the USB header.

Red wire   = Power (VCC)
White wire   = P- (Data-)
Green wire = P+ (Data+)
Black wire = Ground (GND)

Pin 1 = USB Power
Pin 2 = USBP2-
Pin 3 = USBP2+
Pin 4 = GND
Pin 5 = NC

Pin 6 = USB Power
Pin 7 = USBP3-
Pin 8 = USBP3+
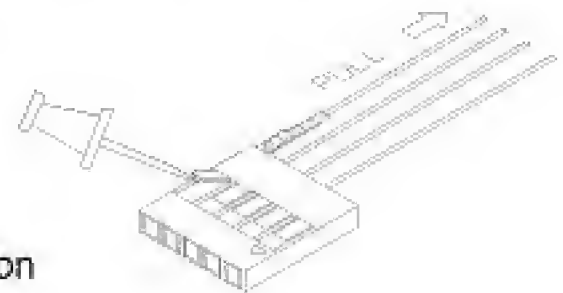Pin 9 = GND
Pin 10 = NC (No pin)

Therefore, we shall have:

Red wire goes to pin 1   Red wire goes to pin 6
White wire goes to pin 2   or   White wire goes to pin 7
Green wire goes to pin 3   Green wire goes to pin 8
Black wire goes to pin 4   Black wire goes to pin 9

Comparing the default wire setting on the Internal USB cable, no wire reassignment is necessary. We can plug in the black pin connector of Internal USB cable to the USB header directly, with red wire goes to pin 1 or 6.
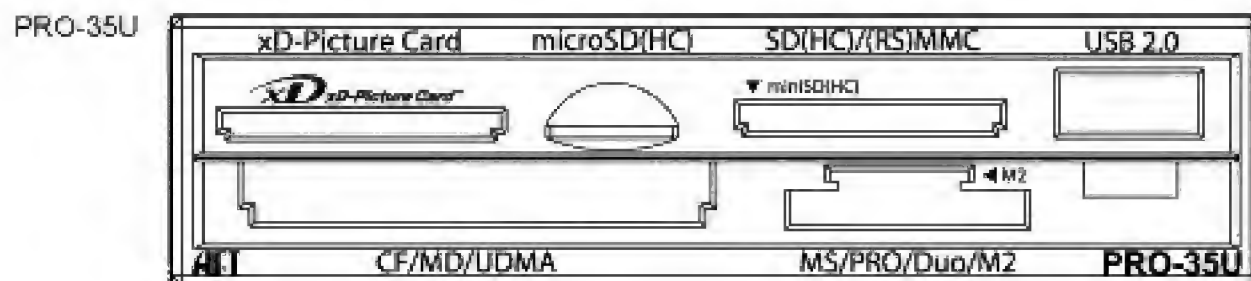
Please note that your motherboard USB header pin assignment could be different from the example above. If you need to reassign wires on Internal USB cable, please follow the procedure below:

(1) Determine which wires you need to remove from the black pin connectors first by referring to your motherboard USB header pin layout.
(2) Using a needle or push pin to flip up the tiny plastic tab and pull the wire out from the connector. Please take caution on this step as excessive force on flipping the tab may cause the tab to break.
(3) Repeat above step for each wire that requires changing.
(4) Insert the wire pin back into the correct slot and press the tiny plastic tab down will hold the wire in its position.

Using PRO-35U

Using PRO-35U is similar to using a USB flash drive. Simply insert your media card into the slot and click on the appropriate Devices with Removable Storage icon in My Computer, this will allow you to access your media card.

PRO-35U

| xD-Picture Card | microSD(HC) | SD(HC)/(RS)MMC | USB 2.0 |

▼ miniSD(HC)

◀ M2

ART   CF/MD/UDMA   MS/PRO/Duo/M2   **PRO-35U**

We strongly recommend that you copy the files in the media card to your computer first before attempting to view or make any changes to the files.

Caution !!

When removing your flash media card from reader please make sure that your file transferring process is fully completed before pulling your media card out. Failing to do so may result in card damage or data corruption.

Avoid formatting your media cards in reader if possible.
Always format your media card in the electronic device it is used in.
Certain electronic devices may become incompatible with the media cards formatted under Windows file systems.

Specifications

Dimension (W x H x D):   4.02 inch x 1 inch x 4.92 inch / 102 mm x 25 mm x 125 mm

Power Requirement: 5V DC, 500mA (USB bus power)

Supported media format: Memory Stick, Memory Stick Duo, Memory Stick PRO, Memory Stick Micro, Compact Flash Type I, Compact Flash Type II, Compact Flash UDMA, Microdrive, Magicstor, xD-Picture Card™, xD-Picture Card™ Type H, xD-Picture Card™ Type M+, Secure Digital (SDHC), miniSD(HC), microSD(HC), MultiMediaCard, MMC plus v 4.0, MMCmobile, RS-MMC

Operation Current: <200mA

Suspend Current: <500uA

Transfer rate: Up to 480 Mbps (via USB 2.0)

Up to 12 Mbps (via USB 1.1)

Supported O/S: Windows XP, Vista

Mac OS X v10.1.2 and later

Specifications are subject to change without further notice.

All trademarks, trade names and copyrights are properties of their respective owners.

Limited Warranty

Atech Flash Technology, Inc. ("AFT"), warrants to the original end user ("Customer") that under normal intended use AFT memory flash card readers will be free from defects in materials and workmanship for one (1) year from the date of purchase. During warranty period, AFT shall either repair, or replace defective product. AFT shall not be liable for any losses or damages of any kind resulting from the use of AFT products or for any of Customer's data stored on products returned to AFT for service. AFT accepts no liability for and provides no expressed or implied warranty against any loss of data or images.

You may register your product at http://www.atechflash.com. Customer must have proof of purchase and obtain warranty service authorization from AFT within the applicable warranty period before returning defective products to AFT. Returned products must be shipped prepaid and packaged appropriately, and it is recommended that they be insured or sent by a method that provides for tracking of the package.

Limitations: This limited warranty is in lieu of all other warranties, terms or conditions; including warranties, terms, or conditions of merchantability, fitness for a particular purpose, satisfactory quality, suppliers, and in no event will AFT be liable for any special, incidental, consequential, or indirect damages resulting from the possession, use or failure of this product. Product names mentioned herein are for identification purposes only and may be trademarked and/or registered trademarks of their respective companies.

Media Cards* Compatibility Note
Media cards may not work properly when working with AFT product. If you encounter this problem, contact AFT Tech Support for compatible media card list and potential driver support and updates.